ABSTRACT

A collapsible canopy comprises a covering [1] and a framework [2], covering [1] is put on collapsible framework [2], framework [2] includes a cross hinge [3], center members [4], U-shaped slide brackets [5], U-shaped slide brackets [6], side members [7], cantilever members [8], upside hinges [9], downside hinges [10], scissors frames [11], supporting members [12], springs [13], and holes [14]; each side of said framework [2] comprising collapsible cross beam comprising a plurality of scissors frames [11], each scissors frame comprising cross pieces [8] hinge connected to each other in the midway, two ends of each scissors frame [11] being respectively connected to two corresponding ends of the other scissors frame [11] of the same side by hinges, the other two ends of each scissors frame [11] being respectively connected to the two corresponding ends of the scissors frame [11] on the abutting side by means of hinge connection, thus forming two flexion points, each of the four supporting members passing through the downside hinge [10] thereof to form a sliding fit construction, the top end of each supporting member being provided with upside hinge [9] in a fixed fashion, center members [4], side members [7], and cantilever members [8] of the framework [2] being connected to each other by slide brackets sets composed of U-shaped slide brackets [5] and [6], the other side of each center member [4] being connected to cross hinge [3], the other side of each side member [7] being connected to upside hinge [9], and the other side of each cantilever member [8] being connected to downside hinge [10] by means of hinge connection.